

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6789029"	US-PGPUB; USPAT	OR	ON	2005/01/26 13:57
L2	17	("5387253"   "5400644"   "5481914"   "5515720"   "5576976"   "5600064"   "5604309"   "5608351"   "5672949"   "5703292"   "5841025"   "6311555"   "6386032"   "6456939"   "6494093"   "6508122"   "6651027").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/26 13:58
L3	487	702/76,77.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/26 14:07
L4	679	73/503.3,504.02,504.04,504.12. ccls.	US-PGPUB; USPAT	OR	ON	2005/01/26 14:07
L5	726	331/1r,19,44.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/26 14:07
L6	1889	3 or 4 or 5	US-PGPUB; USPAT	OR	ON	2005/01/26 14:07

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"20040078159.did"	US-PGPUB; USPAT	OR	ON	2005/01/26 10:36
L2	1	"20040078159".did.	US-PGPUB; USPAT	OR	ON	2005/01/26 10:38
L3	6	("6590460" "5889193" "6205838"  "6556929" "6462566" "6324910" ).PN.	US-PGPUB; USPAT	OR	ON	2005/01/26 10:42
L4	1	1 or "6789029".did.	US-PGPUB; USPAT	OR	ON	2005/01/26 10:42
L5	1	1 or "6789029".pn.	US-PGPUB; USPAT	OR	ON	2005/01/26 10:42
L6	2	2 or "6789029".pn.	US-PGPUB; USPAT	OR	ON	2005/01/26 10:42
L7	0	("2004/0078159").URPN.	USPAT	OR	ON	2005/01/26 10:42
L8	0	("6789029").URPN.	USPAT	OR	ON	2005/01/26 10:42

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	50	("5922954" "5361036" "5400269" "5444641" "5459432" "5487015" "5491725" "5576976" "4339959" "4471533" "4887081" "4945764" "4993274" "5239363" "5311538" "5465620" "6128954" "3882731" "3826575" "4010549" "4011440" "4258579" "4269073" "4270387" "4277173" "4280188" "4288050" "4326428" "4382234" "4384409" "4408882" "4420259" "4422762" "4430616" "4443952" "4445377" "4450407" "4452092" "4456376" "4459759" "4461996" "4467984" "4473297" "4472884" "4484284" "4498340" "4517565" "4522496" "4524357" "4525672").pn.	US-PGPUB; USPAT	OR	ON	2005/01/26 15:32

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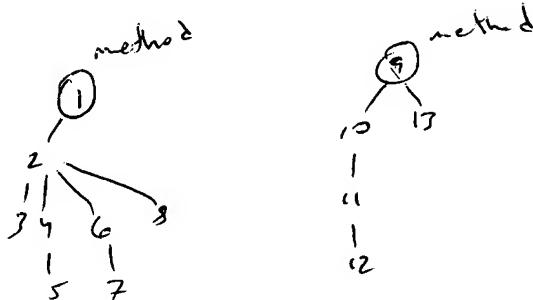
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10691306 on January 26, 2005

Original classifications

3 324/304  
3 340/995.28  
3 356/473  
2 33/304  
2 73/497  
2 73/504.12  
2 74/5.46  
2 356/464  
2 702/190

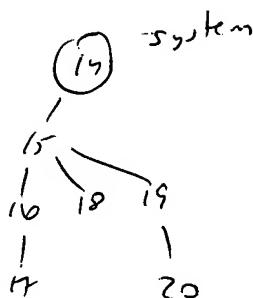
Cross-Reference Classifications

3 33/312  
3 73/178R  
3 73/504.02  
3 324/300  
2 33/321  
2 33/356  
2 73/504.06  
2 73/504.12  
2 74/5.6E  
2 137/804  
2 329/356  
2 331/17  
2 331/27  
2 340/988  
2 701/220



Combined classifications

4 73/504.12  
4 340/995.28  
3 33/312  
3 73/178R  
3 73/504.02  
3 73/504.06  
3 324/300  
3 324/304  
3 356/473  
2 33/302  
2 33/304  
2 33/318  
2 33/321  
2 33/356  
2 73/497  
2 73/504.11  
2 74/5.46  
2 74/5.6E  
2 74/5.7  
2 74/5F  
2 137/804  
2 329/356  
2 331/10  
2 331/17  
2 331/27  
2 340/988  
2 356/464  
2 372/94  
2 701/220  
2 702/141



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**2 702/190**

10691306\_CLSTITLES.txt  
Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10691306 on January 26, 2005

4 73/504.12 (2 OR, 2 XR)  
Class 073 : MEASURING AND TESTING  
73/488 SPEED, VELOCITY, OR ACCELERATION  
73/504.02 .Angular rate using gyroscopic or Coriolis effect  
73/504.12 ..Vibratory mass

4 340/995.28 (3 OR, 1 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/988 VEHICLE POSITION INDICATION  
340/995.1 .Map display  
340/995.28 ..Including particular position/direction sensor

3 33/312 (0 OR, 3 XR)  
Class 033 : GEOMETRICAL INSTRUMENTS  
33/300 INDICATOR OF DIRECTION OF FORCE TRAVERSING  
NATURAL MEDIA  
33/304 .Borehole direction or inclination  
33/312 ..Electrical telemetering to read-out

3 73/178R (0 OR, 3 XR)  
Class 073 : MEASURING AND TESTING  
73/178R NAVIGATION

3 73/504.02 (0 OR, 3 XR)  
Class 073 : MEASURING AND TESTING  
73/488 SPEED, VELOCITY, OR ACCELERATION  
73/504.02 .Angular rate using gyroscopic or Coriolis effect

3 73/504.06 (1 OR, 2 XR)  
Class 073 : MEASURING AND TESTING  
73/488 SPEED, VELOCITY, OR ACCELERATION  
73/504.02 .Angular rate using gyroscopic or Coriolis effect  
73/504.05 ..Fluid or fluent inertial mass (e.g., electrons, ions, plasma)  
73/504.06 ...Fluid jet

3 324/300 (0 OR, 3 XR)  
Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/300 PARTICLE PRECESSION RESONANCE

3 324/304 (3 OR, 0 XR)  
Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/300 PARTICLE PRECESSION RESONANCE  
324/304 .Using optical pumping or sensing device

3 356/473 (3 OR, 0 XR)  
Class 356 : OPTICS: MEASURING AND TESTING  
356/450 BY LIGHT INTERFERENCE (E.G., INTERFEROMETER)  
356/459 .Rotation rate (e.g., ring laser gyros)  
356/472 ..Lock-in prevention  
356/473 ...Path length control (PLC)

2 33/302 (1 OR, 1 XR)  
Class 033 : GEOMETRICAL INSTRUMENTS  
33/300 INDICATOR OF DIRECTION OF FORCE TRAVERSING

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NATURAL MEDIA

33/301 .Process  
33/302 ..Borehole or tube interior study

2 33/304 (2 OR, 0 XR)  
Class 033 : GEOMETRICAL INSTRUMENTS  
33/300 INDICATOR OF DIRECTION OF FORCE TRAVERSING  
NATURAL MEDIA  
33/304 .Borehole direction or inclination

2 33/318 (1 OR, 1 XR)  
Class 033 : GEOMETRICAL INSTRUMENTS  
33/300 INDICATOR OF DIRECTION OF FORCE TRAVERSING  
NATURAL MEDIA  
33/318 .Gyroscopically controlled or stabilized

2 33/321 (0 OR, 2 XR)  
Class 033 : GEOMETRICAL INSTRUMENTS  
33/300 INDICATOR OF DIRECTION OF FORCE TRAVERSING  
NATURAL MEDIA  
33/318 .Gyroscopically controlled or stabilized  
33/321 ..Plural gyroscopes (e.g., reference platform,  
etc.)

2 33/356 (0 OR, 2 XR)  
Class 033 : GEOMETRICAL INSTRUMENTS  
33/300 INDICATOR OF DIRECTION OF FORCE TRAVERSING  
NATURAL MEDIA  
33/355R .Magnetic field responsive  
33/356 ..Error indicator, preventor, or compensator

2 73/497 (2 OR, 0 XR)  
Class 073 : MEASURING AND TESTING  
73/488 SPEED, VELOCITY, OR ACCELERATION  
73/497 .Temperature compensator

2 73/504.11 (1 OR, 1 XR)  
Class 073 : MEASURING AND TESTING  
73/488 SPEED, VELOCITY, OR ACCELERATION  
73/504.02 .Angular rate using gyroscopic or Coriolis  
effect  
73/504.08 ..Rotary gyroscope  
73/504.11 ...Flexible rotor or flexibly mounted rotor

2 74/5.46 (2 OR, 0 XR)  
Class 074 : MACHINE ELEMENT OR MECHANISM  
74/5R GYROSCOPES  
74/5.4 .Gyroscope control  
74/5.41 ..Erecting  
74/5.46 ...By magnetic field

2 74/5.6E (0 OR, 2 XR)  
Class 074 : MACHINE ELEMENT OR MECHANISM  
74/5R GYROSCOPES  
74/5.6R .With pick off  
74/5.6E ..Electrical and magnetic

2 74/5.7 (1 OR, 1 XR)  
Class 074 : MACHINE ELEMENT OR MECHANISM  
74/5R GYROSCOPES  
74/5.7 .With rotor drive

2 74/5F (1 OR, 1 XR)

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Class 074 : MACHINE ELEMENT OR MECHANISM  
74/5R GYROSCOPES  
74/5F .Flexure hinges for gyros

2 137/804 (0 OR, 2 XR)  
Class 137 : FLUID HANDLING  
137/803 FLOW AFFECTED BY FLUID CONTACT, ENERGY FIELD OR  
COANDA EFFECT (E.G., PURE FLUID DEVICE OR SYSTEM)  
137/804 .Responsive to condition external of system

2 329/356 (0 OR, 2 XR)  
Class 329 : DEMODULATORS  
329/347 AMPLITUDE MODULATION DEMODULATOR  
329/356 .Suppressed carrier double sideband type

2 331/10 (1 OR, 1 XR)  
Class 331 : OSCILLATORS  
331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE  
OR FREQUENCY SENSING MEANS  
331/10 .Plural A.F.S. for a single oscillator

2 331/17 (0 OR, 2 XR)  
Class 331 : OSCILLATORS  
331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE  
OR FREQUENCY SENSING MEANS  
331/17 .Particular error voltage control (e.g.,  
integrating network)

2 331/27 (0 OR, 2 XR)  
Class 331 : OSCILLATORS  
331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHASE  
OR FREQUENCY SENSING MEANS  
331/18 .With reference oscillator or source  
331/25 ..Signal or phase comparator  
331/27 ...Plural active element (e.g., triodes)

2 340/988 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/988 VEHICLE POSITION INDICATION

2 356/464 (2 OR, 0 XR)  
Class 356 : OPTICS: MEASURING AND TESTING  
356/450 BY LIGHT INTERFERENCE (E.G., INTERFEROMETER)  
356/459 .Rotation rate (e.g., ring laser gyros)  
356/460 ..By fiber or waveguide interferometer (e.g.,  
Sagnac effect)  
356/464 ...Having null feedback loop

2 372/94 (1 OR, 1 XR)  
Class 372 : COHERENT LIGHT GENERATORS  
372/92 PARTICULAR RESONANT CAVITY  
372/93 .Folded cavity  
372/94 ..Having a ring configuration

2 701/220 (0 OR, 2 XR)  
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND  
RELATIVE LOCATION  
701/200 NAVIGATION  
701/207 .Employing position determining equipment  
701/220 ..Using inertial sensor

2 702/141 (1 OR, 1 XR)  
Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR

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TESTING

702/127      MEASUREMENT SYSTEM  
702/141      .Accelerometer

2 702/190      (2 OR, 0 XR)  
Class    702 : DATA PROCESSING: MEASURING, CALIBRATING, OR  
              TESTING  
702/127      MEASUREMENT SYSTEM  
702/189      .Measured signal processing  
702/190      ..Signal extraction or separation (e.g.,  
              filtering)

## PLUS Search Results for S/N 10691306, Searched January 26, 2005

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

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10691306\_QUAL.txt

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